**PATENT** 

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE (Atty. Docket No.: 99-784-A)

First Named Inventor: Strait Application No.: 09/761,519	) Examiner: K.M. Burd ) Group Art Unit: 2631
Filing Date: January 16, 2001	)
Title: Method and System for a Multiple Dimensional Adaptive Frequency Domain Noise Canceller for DMT Transceivers	Confirmation No.: 5663  RECEIVED  SEP 2 0 2004
Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	Technology Center 2600

#### TRANSMITTAL LETTER

### Commissioner:

Enclosed please find a Response to the Office Action mailed June 16, 2004, and a Return Receipt Postcard

With respect to fees:

x No fees are required.

Attached is a check in the amount of \$ \_\_\_\_.00.

Please debit or credit Deposit Account No. 13-2490 for any fees owed or any fees overpaid, respectively. A copy of this sheet is attached for that purpose.

The undersigned states that this Transmittal Letter and the documents listed above are being deposited according to the provisions of 37 C.F.R. § 1.10 (MPEP § 513) with the United States Postal Service as Express Mail Post Office to Addressee (Exp. Mail No. EV 334643529 US) in an envelope with sufficient postage addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below.

Date: September 16, 2004

Mark L. Chael, J.D., Ph.D. Registration No. 44,601

Respectfully submitted.







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Dimensional Adaptive Frequency	)CLIVED
Domain Noise Canceller for DMT	SEP <b>2</b> 0 2004
Transceivers	_
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Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

### RESPONSE TO THE OFFICE ACTION MAILED JUNE 16, 2004

### Commissioner:

In response to the Office Action mailed June 16, 2004 ("the Office Action"), the applicant respectfully submits the following remarks and amendments. The amendments are made merely to expedite prosecution of the present patent application. Furthermore, the amendments are made without prejudice to future prosecution, without disclaimer of any subject matter, and without presumption that the actions are taken for any reason related to patentability.